

L Number	Hits	Search Text	DB	Time stamp
1	832	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating))	USPAT; US-PGPUB	2004/10/16 18:33
2	891	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating))	USPAT; US-PGPUB	2004/10/16 18:42
3	839	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating)) not (@ad>20030109 or @rlad>20030109)	USPAT; US-PGPUB	2004/10/16 19:37
4	793	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating)) not (@ad>20020301 or @rlad>20020301)	USPAT; US-PGPUB	2004/10/16 18:38
5	443	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) with (equilibrate equilibrium equilibrating))	USPAT; US-PGPUB	2004/10/16 19:37
6	378	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) with (equilibrate equilibrium equilibrating))) not (@ad>20020301 or @rlad>20020301)	USPAT; US-PGPUB	2004/10/16 18:38
8	56	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) with (equilibrate equilibrium equilibrating)) same (Control controlling controlled))	USPAT; US-PGPUB	2004/10/16 19:03
9	58	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating))) and (metal and (organic with (vapor gas)))	USPAT; US-PGPUB	2004/10/16 18:43
10	52	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating))) and (metal and (organic with (vapor gas))) not (@ad>20030109 or @rlad>20030109)	USPAT; US-PGPUB	2004/10/16 18:43
11	3	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) with (equilibrate equilibrium equilibrating)) same (Control controlling controlled))) and (((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating))) and (metal and (organic with (vapor gas))) not (@ad>20030109 or @rlad>20030109)	USPAT; US-PGPUB	2004/10/16 18:43
12	49	((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating))) and (metal and (organic with (vapor gas))) not (@ad>20030109 or @rlad>20030109) not (((oxidation oxidizing oxidize) with ((reducing reduction reduction) or redox) with (equilibrate equilibrium equilibrating)) same (Control controlling controlled)))	USPAT; US-PGPUB	2004/10/16 19:25
13	2	10/338647	USPAT; US-PGPUB	2004/10/16 19:31
14	2192	(438/3,5,7,635).CCLS.	USPAT; US-PGPUB	2004/10/16 19:31
15	2063	(118/665,667,712,58).CCLS.	USPAT; US-PGPUB	2004/10/16 19:37

16	4243	((438/3,5,7,635).CCLS.) or ((118/665,667,712,58).CCLS.)	USPAT; US-PGPUB	2004/10/16 19:37
17	3976	((438/3,5,7,635).CCLS.) or ((118/665,667,712,58).CCLS.) ) not (@ad>20030109 or @rlad>20030109)	USPAT; US-PGPUB	2004/10/16 19:37
18	6	((438/3,5,7,635).CCLS.) or ((118/665,667,712,58).CCLS.) ) not (@ad>20030109 or @rlad>20030109)) and ((oxidation oxidizing oxidize) same ((reducing reduction reduction) or redox) same (equilibrate equilibrium equilibrating))	USPAT; US-PGPUB	2004/10/16 19:39
19	165	((438/3,5,7,635).CCLS.) or ((118/665,667,712,58).CCLS.) ) not (@ad>20030109 or @rlad>20030109)) and ((oxidation oxidizing oxidize) same ((reducing reduction reduction) or redox))	USPAT; US-PGPUB	2004/10/16 19:39
-	14763	ferroelectric	USPAT; US-PGPUB	2003/10/27 07:54
-	5	(YAMAWAKI-HIDEKI).in.	USPAT; US-PGPUB	2003/10/27 07:56
-	8777	ferroelectric and (oxidation oxidizing oxide oxidated)	USPAT; US-PGPUB	2003/10/27 08:06
-	1347	(ferroelectric and (oxidation oxidizing oxide oxidated)) and ((crystal crystalline) near2 orientation)	USPAT; US-PGPUB	2003/10/27 08:07
-	4034	ferroelectric and ((oxidation oxidizing oxide oxidated) with (metal ruthenium iridium ru ir))	USPAT; US-PGPUB	2003/10/27 08:13
-	419	(ferroelectric and ((oxidation oxidizing oxide oxidated) with (metal ruthenium iridium ru ir))) and ((crystal crystalline) near2 orientation)	USPAT; US-PGPUB	2003/10/27 08:08
-	1267	ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))	USPAT; US-PGPUB	2003/10/27 08:08
-	182	(ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)	USPAT; US-PGPUB	2003/10/27 10:26
-	3586	((438/3) or (438/250-256)).CCLS.	USPAT; US-PGPUB	2003/10/27 08:11
-	5160	((438/393-399) or (257/295-296)).CCLS.	USPAT; US-PGPUB	2003/10/27 08:11
-	2599	((257/298) or (257/303-311)).CCLS.	USPAT; US-PGPUB	2003/10/27 08:12
-	8198	((438/3) or (438/250-256)).CCLS.) or ((438/393-399) or (257/295-296)).CCLS.) or ((257/298) or (257/303-311)).CCLS.)	USPAT; US-PGPUB	2003/10/27 08:13
-	1824	((438/3) or (257/295)).CCLS.	USPAT; US-PGPUB	2003/10/27 14:46
-	6	ferroelectric and ((oxidation oxidizing oxide oxidated) with (metal ruthenium iridium ru ir)) same (reduction reducing) same ((crystal crystalline) near orientation oriented orient)))	USPAT; US-PGPUB	2003/10/27 08:14
-	184	(ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))	USPAT; US-PGPUB	2003/10/27 14:26
-	18	(ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and ((crystal crystalline) near2 orientation))	USPAT; US-PGPUB	2003/10/27 10:21
-	182	(ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)	USPAT; US-PGPUB	2003/10/27 14:26

-	348	((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation))	USPAT; US-PGPUB	2003/10/27 10:26
-	166	((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) not ((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and ((crystal crystalline) near2 orientation)))	USPAT; US-PGPUB	2003/10/27 13:12
-	164	((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)) not ((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline)))	USPAT; US-PGPUB	2003/10/27 13:33
-	14763	ferroelectric	USPAT; US-PGPUB	2003/10/27 13:33
-	5	ferroelectric and (((oxidation oxidizing) with (reduction reducing)) or redox) same (equilibrium equilibrate equilibrating equilibrated))	USPAT; US-PGPUB	2003/10/27 14:26
-	370	((piezoelectric perovskite) and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)	USPAT; US-PGPUB	2003/10/27 14:25
-	549	((piezoelectric perovskite) and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))	USPAT; US-PGPUB	2003/10/27 14:26
-	485	((piezoelectric perovskite) and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) not ((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))	USPAT; US-PGPUB	2003/10/27 14:27
-	267	((piezoelectric perovskite) and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))	USPAT; US-PGPUB	2003/10/27 14:43

-	468	(((piezoelectric perovskite) and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) not (((piezoelectric perovskite) and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation))))	USPAT; US-PGPUB	2003/10/27 14:55
-	137	(((piezoelectric perovskite) and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) not (((piezoelectric perovskite) and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) and (equilibrium) ((438/3) or (257/295)).CCLS.	USPAT; US-PGPUB	2003/10/27 14:45
-	1824		USPAT; US-PGPUB	2003/10/27 14:47
-	27	(((piezoelectric perovskite) and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) not (((piezoelectric perovskite) and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) and (438/\$.ccls. or 257?\$.ccls.)	USPAT; US-PGPUB	2003/10/27 14:57
-	1	((438/3) or (257/295)).CCLS.) and (((oxidation oxidizing oxidize) with (reducing reduction reduction)) or redox) same (equilibrate equilibrium equilibrating))	USPAT; US-PGPUB	2003/10/27 14:56

-	23	<p>((((piezoelectric perovskite) and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) not (((piezoelectric perovskite) and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) and (438/\$.ccls. or 257?\$.ccls.) not (((piezoelectric perovskite) and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) not (((piezoelectric perovskite) and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))) and (equilibrium))</p>	USPAT; US-PGPUB	2003/10/27 15:00
-	322	<p>((438/3) or (257/295)).CCLS.) and ((oxidizing oxidation oxide oxidize) with (reducing reduction reduce)) or (redox))</p>	USPAT; US-PGPUB	2003/10/27 15:02
-	280	<p>((438/3) or (257/295)).CCLS.) and ((oxidizing oxidation oxide oxidize) with (reducing reduction reduce)) or (redox)) ) not (((ferroelectric and ((oxidation oxidizing) near2 (reduction reducing)) and (crystal crystalline))) or ((ferroelectric and ((oxidation oxidizing oxide oxidated) same (reducing reduction))) and ((crystal crystalline) near2 orientation)))</p>	USPAT; US-PGPUB	2003/10/27 15:02
-	26	<p>(US-6235402-\$ or US-6146906-\$ or US-5828080-\$ or US-5810923-\$ or US-6589839-\$ or US-6574130-\$ or US-6518156-\$ or US-6436317-\$ or US-6309894-\$ or US-6177361-\$ or US-6144546-\$ or US-5420102-\$ or US-4361951-\$ or US-6596547-\$ or US-6500678-\$ or US-6495412-\$ or US-6334244-\$ or US-4812300-\$ or US-6524867-\$ or US-6319542-\$ or US-6204069-\$).did. or (US-20030113986-\$ or US-20030068579-\$ or US-20020179886-\$ or US-20020083959-\$ or US-20010015001-\$).did.</p>	USPAT; US-PGPUB	2003/10/27 17:14

-	26	((US-6235402-\$ or US-6146906-\$ or US-5828080-\$ or US-5810923-\$ or US-6589839-\$ or US-6574130-\$ or US-6518156-\$ or US-6436317-\$ or US-6309894-\$ or US-6177361-\$ or US-6144546-\$ or US-5420102-\$ or US-4361951-\$ or US-6596547-\$ or US-6500678-\$ or US-6495412-\$ or US-6334244-\$ or US-4812300-\$ or US-6524867-\$ or US-6319542-\$ or US-6204069-\$).did. or (US-20030113986-\$ or US-20030068579-\$ or US-20020179886-\$ or US-20020083959-\$ or US-20010015001-\$).did.) and (oxidation oxidizing oxide oxidized reducing reduction redox equilibrium equilibrate equilibrated ferroelectric piezoelectric perovskite)	USPAT; US-PGPUB	2003/10/27 17:22
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